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To: office-mail@frei-patent.com
Subject: P1783 US

Dear Dr. Walsar,

Attached is the updated version of the patent application for our message server. I have added additional material as per your instructions. I enabled the 'Track Changes' function in Word so that it will be easy for you to see where I made updates. Please let me know if additional material is required.

In reference to claim number 9, I would like to point out that in this server design, delivery of a message from a destination to client is always initiated by the server. The server compares it's list of client subscriptions to the messages that it has, and when there is a match, it 'pushes' the message to the client. In light of this I do not think that claim 9 is accurate as currently stated.

I would also like to raise the question of whether one claim, if deemed to not actually be unique, can cause the risk of jeopardizing the whole patent. If so, I would consider eliminating claim 11. Although this is my idea and I do not know of any other server that does this, I would not consider the idea to be so significant that I would guarantee that no one else has ever thought of it before.

If this is not a problem, and it is beneficial to make as many claims as possible, then the only additional claim that I would consider making concerns the means of maintaining consistent distributed configuration data without creating a single point of failure. This is described on pages 47-49. The salient features of this are the each node can create a compact digest it's local configuration data. This digest can be easily sent around the network and compared to the corresponding digest on other node to insure that everyone has the same configuration data. It also includes the ability to acquire a subset of the configuration data from *any* other node in the cluster, if it's configuration data is stale.

The transaction processing and wildcarding employ common industry practices and should not be the subject of claims.

Best Regards,

Paul Giotta

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Exhibit "I"